



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-478897
Lot Number: SAMPLE
Product Name: 4-Palmitamido-2,2,6,6-tetramethylpiperidine-1-oxyl
CAS Number: 22977-65-7
Molecular Formula: $C_{25}H_{49}N_2O_2$
Molecular Weight: 409.67
Native Source: Synthetic

Test	Specification	Result
Appearance	Dark orange to dark brown sticky solid	Complies
Identification (NMR)	Conforms to structure	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Purity (TLC)		95 %
Elemental Analysis	%C: 69.29 %H: 12.21 %N: 6.33	Complies
Solubility		Chloroform (Slightly), DMSO (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)
Dichloromethane		~5 %

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com